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SHEET 1 OF 13

FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO.: CWP-012CN3 APPLICANT: David E. Charlton and Neil W. Miller SERIAL NO.: 09/441,875 FILING DATE: November 17, 1999 GROUP: 1641			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
PTD	3,620,677	11/16/71	Morison, A.	23	253	<del>PTD</del>	
1	3,811,840	05/74	Bauer et al.	23	253 TP	1	
	3,888,629	06/75	Bagshawe	23	230 B		
	4,042,335	08/16/77	Clement, P.L.	23	253		
	4,045,384	08/77	Dorman	260	8		
	4,094,647	06/13/78	Deutsch et al.	23	253		
	4,168,146	09/18/79	Grubb et al.	23	230		
	4,169,138	09/25/79	Jonsson, U.R.S.	424	12		
	4,205,952	06/03/80	Cais	23	230 B		
	4,219,335	08/26/80	Ebersole	23	230 B		
	4,235,601	11/25/80	Deutsch et al.	23	230		
	4,256,834	03/17/81	Zuk et al.	435	7		
	4,258,001	03/24/81	Pierce et al.	422	56		
	4,294,818	10/81	McMichael et al.	424	12		
	4,297,344	10/27/81	Schwinn et al.				
	4,313,734	02/02/82	Leuvering	23	230		
	4,348,207	09/07/82	Cappel	23	230 B		
	4,357,142	11/02/82	Schall, Jr. et al.	23	230 B		
	4,361,537	11/30/82	Deutsch et al.	422	56		
	4,366,241	12/28/82	Tom et al.	435	7	<del>PTD</del>	
PTD	4,366,241 B1	10/88	Tom et al.	435	7	Re-examination	
EXAMINER <i>Juniper</i>				DATE CONSIDERED <i>12/21/01</i>			

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY DOCKET NO.: CWP-012CN3 APPLICANT: David E. Charlton and Neil W. Miller SERIAL NO.: 09/441,875 FILING DATE: November 17, 1999 GROUP: 1641
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**U.S. PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PTO		4,373,932	02/15/83	Gribnau et al.	436	501	~
		4,376,110	03/08/83	David et al.	436	513	
		4,411,518	10/25/83	Meserol et al.	356	39	
		4,419,453	12/06/83	Dorman et al.	436	534	
		4,434,150	02/28/84	Azad et al.	424	1.1	
		4,435,504	03/06/84	Zuk et al.	435	7	
		4,446,232	05/84	Liotta	435	7	
		4,459,358	07/10/84	Berke	436	170	
		4,477,575	10/16/84	Vogel et al.	436	170	
		4,861,711	08/29/89	Friesen et al.	436	7	
		4,486,530	12/04/84	David et al.	435	7	
		4,487,839	12/11/84	Kamentsky	436	518	
		4,496,654	01/29/85	Katz et al.	435	7	
		4,503,143	03/05/85	Gerber et al.	435	7	
		4,508,829	04/02/85	Sulitzeanu	436	510	
		4,537,861	08/27/85	Elings et al.	436	518	
		4,552,839	11/12/85	Gould et al.	435	7.9	
		4,590,169	05/20/86	Cragle et al.	436	523	
		4,594,327	06/10/86	Zuk	436	514	
PTO		4,604,364	08/05/86	Kosak	436	501	
		4,623,461	11/18/86	Hossom et al.	210	445	—
EXAMINER	<i>Jensw</i>			DATE CONSIDERED	<i>12/21/01</i>		

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PTD		4,624,929	11/25/86	Ullman	436	179	—
		4,632,901	12/30/86	Valkirs et al.	435	5	
		4,639,242	01/27/87	Babson	494	37	
		4,639,419	01/27/87	Olson et al.	435	5	
		4,647,544	03/03/87	Nicoli et al.	436	518	
		4,654,309	03/31/87	Milnar et al.	922	56	
		4,665,034	05/12/87	Chandler	435	287	
		4,690,907	09/01/87	Hibino et al.	436	514	
		4,703,017	10/27/87	Campbell et al.	436	518	
		4,756,828	07/12/88	Litman et al.	435	7.9	
		4,757,004	07/12/88	Houts et al.	435	7.9	
		4,761,381	08/02/88	Blatt et al.	436	165	
		4,770,853	09/13/88	Bernstein	422	58	
		4,772,550	09/20/88	Greenquist	435	7.9	
		4,774,192	09/27/88	Terminiello et al.	436	540	
		4,778,751	10/18/88	El Shami et al.	435	7.9	
		4,803,170	02/07/89	Stanton et al.	436	518	
		4,806,311	02/21/89	Greenquist	422	56	
		4,853,335	08/01/89	Olsen et al.	436	527	
PTD		4,859,612	08/22/89	Cole et al.	436	523	—
EXAMINER <i>JL</i>				DATE CONSIDERED 12/21/01			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PTD		4,868,108	09/19/89	Bahar et al.	435	7.9	—
		4,883,688	11/28/89	Houts et al.	427	285	
		4,891,313	01/02/90	Berger et al.	436	7	
		4,945,042	07/31/90	Geiger et al.	435	7	
		4,956,302	09/11/90	Gordon et al.	436	161	
		4,960,691	10/02/90	Gordon et al.	435	6	
		4,962,023	10/09/90	Todd et al.	435	7	
		4,963,468	10/16/90	Olson, J.D.	435	7	
		4,981,785	01/01/91	Nayak	435	7	
		4,985,204	01/15/91	Klose et al.	422	56	
		5,008,080	04/16/91	Brown, III et al.	422	56	
		5,030,558	07/09/91	Litman et al.	435	7.91	
		5,039,607	08/13/91	Skold et al.	435	7.5	
		5,043,428	08/27/91	Heimburger et al.			
		5,075,078	12/24/91	Osikowicz et al.	422	56	
PTD		5,120,504	06/09/92	Petro-Roy et al.	422	58	—
EXAMINER <i>Yensw</i>				DATE CONSIDERED <i>10/21/01</i>			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PTD		5,120,643	06/92	Ching et al.	435	7.92	<u>      </u>
		5,141,850	08/25/92	Cole et al.	436	525	<u>      </u>
		5,141,875	08/25/92	Kelton et al.	436	514	<u>      </u>
		5,156,952	10/20/92	Litman et al.	435	7.91	<u>      </u>
		5,164,294	11/17/92	Skold et al.	435	7.5	<u>      </u>
		5,232,835	08/03/93	Litman et al.	435	7.93	<u>      </u>
		5,248,619	09/28/93	Skold et al.	436	514	<u>      </u>
		4,806,312	2/21/89	Greenquist	422	56	<u>      </u>
		5,591,645	1/7/97	Rosenstein	436	514	<u>      </u>
		4,515,889	5/7/85	Klose et al.	<u>      </u>	<u>      </u>	<u>      </u>
		5,656,503	8/12/97	May et al.	436	514	<u>      </u>
		5,686,315	11/11/97	Pronovst et al.	436	510	<u>      </u>
		5,710,005	01/98	Rittenberg	435	6	<u>      </u>
		5,753,517	05/98	Brooks et al.	436	514	<u>      </u>
		5,622,871	04/97	May et al.	436	514	<u>      </u>
		Re. 30,267	05/80	Bruschi	<u>      </u>	<u>      </u>	<u>      </u>
		5,654,162	08/05/97	Guire et al.	435	7.92	<u>      </u>
		5,073,484	12/17/91	Swanson et al.	435	7.92	<u>      </u>
PTD		6,020,147	06/01/92	Guire et al.	435	7.92	<u>      </u>
EXAMINER <u>Jurian</u>				DATE CONSIDERED <u>12/21/01</u>			

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**FOREIGN PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
PMT		A 63,502/86	10/86	AU	—	—	—	—	—
		3,432,083 (Counterpart of US 5043428)	03/86	DE	—	—	—	Y	N
		8 805 565 (Counterpart of EP 291194)		DE	—	—	—	Y	N
		0,007,654	02/80	EPO	—	—	—	—	—
		0,018,561 (Counterpart of US 4297344)	04/80	EPO	—	—	—	Y	N
		0,032,270	07/81	EPO	—	—	—	—	—
		0,063,810	11/82	EPO	—	—	—	—	—
		0,088,636	09/83	EPO	—	—	—	—	—
		0,183,442 A2	06/04/86	EPO	—	—	—	—	Y
		0,149,168 A1	07/24/85	EPO	—	—	—	—	—
		0,154,749 A1	09/01/85	EPO	—	—	—	—	—
		0,158,746	10/85	EPO	—	—	—	—	—
		0,164,180	12/85	EPO	—	—	—	—	—
		0 170 746 A1	02/12/86	EPO	—	—	—	—	—
		0,186,799	07/86	EPO	—	—	—	—	full English translation
		0 191 640 A2	08/20/86	EPO	—	—	—	—	—
PMT		0,201,079	11/86	EPO	—	—	—	—	—
EXAMINER <i>jsnsw</i>					DATE CONSIDERED <i>12/21/01</i>				

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<b>FOREIGN PATENT DOCUMENTS</b>									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLAS S	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
(PT)		0,212,603 A2	03/04/87	EPO	1	1	1	1	1
1		0 225 054 A1	06/10/87	EPO	1	1	1	1	1
		0 258 963 A2	03/09/88	EPO					Y
		0 250 137 A2	12/87	EPO					
		0 258 963 A2	03/09/88	EPO					1
		0271204A2	06/15/88	EPO					Y
		0,284,232 A1	09/28/88	EPO					1
		0,284,232 B1	06/95	EPO					1
		0,299,428 A2	01/08/89	EPO					1
		0,291,194	11/17/88	EPO					1
		0,306,336	03/89	EPO					1
		0,337,082	10/89	EPO					1
		0,349,215	01/90	EPO					1
		0,320,240 B1	06/89	EPO					1
		0,420,021 A2	04/03/91	EPO					Y
		0,505,636 A1	09/30/92	EPO					Y
		0,560,410 A2	09/93	EPO					1
		0,560,411	09/93	EPO	1	1		1	1
(PT)		2,356,944 (Counterpart of US 4094647)	01/27/78	FR	1	1	1	Y	No
EXAMINER <i>J. M. S.</i>					DATE CONSIDERED <i>12/21/07</i>				

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**FOREIGN PATENT DOCUMENTS**

EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLAS S	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
PTD	2 016 687 A	09/26/79	GB			—	—	Y
	2,204,398	11/88	GB			—	—	—
	8,703,007	01/89	NL			—	—	—
	WO 86/03839	07/86	PCT					Y
	WO 86/04683	08/14/86	PCT	435	7.9			Y
	WO 87/02774	05/07/87	PCT	435	7.9			Y
	WO 88/05912	08/88	PCT					—
	WO 88/08534	11/03/88	PCT					Y
	WO 91/12528	08/91	PCT					—
	212,599 B1	10/30/91	EP					Y
	192 320	8/27/86	EP					—
PTD	3,044,385 (see US 4,515,889)	16/24/82	DE			—	—	N

**OTHER ART, JOURNAL ARTICLES, ETC.**

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
PTD		Frens, "Controlled Nucleation for the Regulation of the Particle Size in Monodisperse Gold Suspensions," 241 NATURE PHYSICAL SCIENCE 20-22 (1973).	
PTD		Horisberger, "Evaluation of Colloidal Gold as a Cytochromic Marker for Transmission and Scanning Electron Microscopy," 36 BIOL. CELLULAIRE 253-58 (1979).	
PTD		Leuvering, et al, "Sol Particle Immunoassay (SPIA)," 1 (1) J. IMMUNOASSAY 77-91 (1980).	

EXAMINER *JUNSR* DATE CONSIDERED *10/21/01*

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY DOCKET NO.: CWP-012CN3 APPLICANT: David E. Charlton and Neil W. Miller SERIAL NO.: 09/441,875 FILING DATE: November 17, 1999 GROUP: 1641
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>		
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>	
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	Fichter, Ueber die kapillarelektrische Fällung positiver Kolloide, ZEITSCHRIFT FÜR CHEMIE UND INDUSTRIE DER KOLLOIDE 1-2 (1911).	
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	J. Perrin, Mécanisme de L'Electrisation de Contact et Solutions Colloidales, TOME III J. DE CHIMIE PHYSIQUE 601-51 (1904).	
	Fichter, et al., Die Kapillaranalyse Kolloidaler Lösungen, 21 VERHANDL NATURFORSCH.GES.BASEL 2-24 (1910).	
	Runge, Die Rundfunk der Farbenbereitung, FARBENCHEMIE, 1-288, (1850).	
	Lederer, M., "Chromatographic Properties of Two Gold Compounds Used in the Therapy of Polyarthritis", 153 JOURNAL OF CHROMATOGRAPHY, 302-304 (1978).	
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	H. Weil, The Evolution of Paper Chromatography, 132 Kolloid-Z (1953), pp. 149-162	
	H. Weil, Der Ursprung der Papierchromatographie, 40 Naturwissenschaften (1953), pp. 1-7	
PN	Sahlbom, V.N., "Kapillaranalyse Kolloider Lösungen", 2 KOLLOIDCHEMISCHE BEIHEFTE, Band II, Heft 3-4, pp. 79-140, Verlag Von Theodor Steinkopff, Dresden-A (1910-11).	
<b>EXAMINER</b>	<i>J. Perrin</i>	
	<b>DATE CONSIDERED</b> 12/21/07	

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY DOCKET NO.: CWP-012CN3 APPLICANT: David E. Charlton and Neil W. Miller SERIAL NO.: 09/441,875 FILING DATE: November 17, 1999 GROUP: 1641
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>		
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>	
<i>PTO</i>	E. Blasius and M. Fischer, <i>Papierchromatographische und papierionophoretische Trennung der Platinalemente und des Goldes</i> , 177 Z. ANAL. CHEM. (1960), pp. 412-420	
	E. Blasius and M. Fischer, <i>Papierchromatographische und papierionophoretische Trennung der Elemente der Reduktiongruppe</i> , 178 Z. ANAL. CHEM. (1960), pp. 28-33	
	F. Goppelstroder, VERHANDL 3 NATURFORSCH. GES. BASEL 268 (1861).	
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	Wright, J.F.; "A Simple Immunodiagnostic Test System for Alternate Site Market"; WORLD BIOTECH REPORT, pp. 263-271; 1988.	
<i>PTO</i>	Zsigmondy, R.; "Ueber Wassrige Lösungen Metallischer Goldes", ANNALEN DER CHEMIE, 301, pp. 29-54; 1898. (English Translation)	
EXAMINER	<i>jenew</i>	DATE CONSIDERED <i>12/21/04</i>

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY DOCKET NO.: CWP-012CN3 APPLICANT: David E. Charlton and Neil W. Miller SERIAL NO.: 09/441,875 FILING DATE: November 17, 1999 GROUP: 1641
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>		
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>	
MP	Van Hell, H., <i>et al.</i> , "Particle Immunoassays"; ALTERNATIVE IMMUNOASSAYS, Ch. 4, pp. 40-59; 1985.	
	Collins, W.P.; "Expert Report"; In the High Court of Justice, Chancery Division, Patent Court; <u>Unilever PLC v. Chefaro Proprietaries Ltd.</u> , 1994.	
	Collins, W.P.' <i>Statutory Declaration</i> ", In the matter of European Patent Application No. 88303744.2-2116 in the name of Unilever, NV, 1992.	
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	Verheijden, P., "Witness Statement", In the High Court of Justice, Chancery Division, Patent Court, <u>Unilever PLC v. Chefaro Proprietaries Ltd.</u> , 1994.	
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MP	"Polar Bear Hits Town; OPUS Immunoassay System", <u>DIAGNOSTIC NEWS</u> , issue 1, March 1992, Behring.	
<b>EXAMINER</b>	<i>Yunson</i>	<b>DATE CONSIDERED</b> <i>12/21/01</i>

<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY DOCKET NO.: CWP-012CN3 APPLICANT: David E. Charlton and Neil W. Miller SERIAL NO.: 09/441,875 FILING DATE: November 17, 1999 GROUP: 1641
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**OTHER ART, JOURNAL ARTICLES, ETC.**

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
PTD	"Summary of Pregslide 00 see Test Specifications", XII World Congress on Fertility & Sterility, Singapore, 1986.
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<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>		
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>	
<i>PTO</i>	Hsu, Y.-H. , "Immunogold for Detection of Antigen on Nitrocellulose Paper" ANAL. BIOCHEM., 142, 221-225, 1984	
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<b>EXAMINER</b>	<i>Jenner</i>	<b>DATE CONSIDERED</b>
		<i>12/21/01</i>